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PTO/SB/05 (08-00)

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  |                               |   |
|--|-------------------------------|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 CFR 1.53(b)) | <b>Attorney Docket No.</b>    | P04761  |
|  | <b>First Inventor</b>         | Gavlik, et al.  |
|  | <b>Title</b>                  | Network Interface Card Using Physical Layer Microcontroller and Method of Operation |
|  | <b>Express Mail Label No.</b> | EE804530133US   |

|  |  |
|--|--|
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i>   | <b>ADDRESS TO:</b><br>Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231   |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i>  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.  | 8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i>   |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages <input type="text" value="44"/> ]<br><i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> | a. <input type="checkbox"/> Computer Readable Form (CRF)   |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <input type="text" value="9"/> ]   | b. Specification Sequence Listing on: <ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> paper</li></ul> |
| 5. Oath or Declaration [Total Pages <input type="text" value="3"/> ] <ul style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br/><i>(for continuation/divisional with Box 17 completed)</i><ul style="list-style-type: none"><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul></li></ul>   | c. <input type="checkbox"/> Statements verifying identity of above copies  |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76  | <b>ACCOMPANYING APPLICATION PARTS</b>  |
|  | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))   |
|  | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i>   |
|  | 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>   |
|  | 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations  |
|  | 13. <input type="checkbox"/> Preliminary Amendment   |
|  | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i>   |
|  | 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>   |
|  | 16. <input type="checkbox"/> Other: .....  |

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 18. CORRESPONDENCE ADDRESS

|  |   |                  |  |
|--|---|------------------|--|
| <input type="checkbox"/> Customer Number or Bar Code Label | (Insert Customer No. or Attach bar code label here) | or               | <input checked="" type="checkbox"/> Correspondence address below |
| <b>Name</b>  | John L. Maxin                                       |                  |  |
|  | National Semiconductor                              |                  |  |
| <b>Address</b>   | 801 East Campbell Road, Suite 525                   |                  |  |
| <b>City</b>  | Richardson  | <b>State</b>     | TX   |
|  |   | <b>Zip Code</b>  | 75081  |
| <b>Country</b>   | USA   | <b>Telephone</b> | 972-680-4523   |
|  |   | <b>Fax</b>       | 972-680-4515   |

|                          |                         |  |                           |
|--------------------------|-------------------------|--|---------------------------|
| <b>Name (Print/Type)</b> | William A. Munck        | <b>Registration No. (Attorney/Agent)</b> | 39,308                    |
| <b>Signature</b>         | <i>William A. Munck</i> |  | <b>Date</b> Nov. 15, 2000 |

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PTO/SB/17 (09-00)

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) \$764.00

## Complete if Known

|                      |                |
|----------------------|----------------|
| Application Number   |                |
| Filing Date          |                |
| First Named Inventor | Gavlik, et al. |
| Examiner Name        |                |
| Group Art Unit       |                |
| Attorney Docket No.  | P04761         |

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 140448  
Deposit Account Name: National Semiconductor Corporation

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description        | Fee Paid |
|--------------|--------------|---------------|---------------|------------------------|----------|
| 101          | 710          | 201           | 355           | Utility filing fee     | 710.00   |
| 106          | 320          | 206           | 160           | Design filing fee      |          |
| 107          | 490          | 207           | 245           | Plant filing fee       |          |
| 108          | 710          | 208           | 355           | Reissue filing fee     |          |
| 114          | 150          | 214           | 75            | Provisional filing fee |          |

SUBTOTAL (1) (\$ ) 710.00

## 2. EXTRA CLAIM FEES

Extra Claims Fee from below Fee Paid

Total Claims: 23 - 20\*\* = 3 x 18.00 = 54.00

Independent Claims: 3 - 3\*\* = 0 x 80.00 = 0

Multiple Dependent: None = 0

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description  |
|--------------|--------------|---------------|---------------|--|
| 103          | 18           | 203           | 9             | Claims in excess of 20                                     |
| 102          | 80           | 202           | 40            | Independent claims in excess of 3                          |
| 104          | 270          | 204           | 135           | Multiple dependent claim, if not paid                      |
| 109          | 80           | 209           | 40            | ** Reissue independent claims over original patent         |
| 110          | 18           | 210           | 9             | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ ) 54.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description  | Fee Paid |
|--------------|--------------|---------------|---------------|--|----------|
| 105          | 130          | 205           | 65            | Surcharge - late filing fee or oath  |          |
| 127          | 50           | 227           | 25            | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139          | 130          | 139           | 130           | Non-English specification  |          |
| 147          | 2,520        | 147           | 2,520         | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112          | 920*         | 112           | 920*          | Requesting publication of SIR prior to Examiner action                     |          |
| 113          | 1,840*       | 113           | 1,840*        | Requesting publication of SIR after Examiner action                        |          |
| 115          | 110          | 215           | 55            | Extension for reply within first month                                     |          |
| 116          | 390          | 216           | 195           | Extension for reply within second month                                    |          |
| 117          | 890          | 217           | 445           | Extension for reply within third month                                     |          |
| 118          | 1,390        | 218           | 695           | Extension for reply within fourth month                                    |          |
| 128          | 1,890        | 228           | 945           | Extension for reply within fifth month                                     |          |
| 119          | 310          | 219           | 155           | Notice of Appeal   |          |
| 120          | 310          | 220           | 155           | Filing a brief in support of an appeal                                     |          |
| 121          | 270          | 221           | 135           | Request for oral hearing   |          |
| 138          | 1,510        | 138           | 1,510         | Petition to institute a public use proceeding                              |          |
| 140          | 110          | 240           | 55            | Petition to revive - unavoidable   |          |
| 141          | 1,240        | 241           | 620           | Petition to revive - unintentional   |          |
| 142          | 1,240        | 242           | 620           | Utility issue fee (or reissue)   |          |
| 143          | 440          | 243           | 220           | Design issue fee   |          |
| 144          | 600          | 244           | 300           | Plant issue fee  |          |
| 122          | 130          | 122           | 130           | Petitions to the Commissioner  |          |
| 123          | 50           | 123           | 50            | Petitions related to provisional applications                              |          |
| 126          | 240          | 126           | 240           | Submission of Information Disclosure Stmt                                  |          |
| 581          | 40           | 581           | 40            | Recording each patent assignment per property (times number of properties) |          |
| 146          | 710          | 246           | 355           | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149          | 710          | 249           | 355           | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179          | 710          | 279           | 355           | Request for Continued Examination (RCE)                                    |          |
| 169          | 900          | 169           | 900           | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

|                   |                         |                                   |               |           |              |
|-------------------|-------------------------|-----------------------------------|---------------|-----------|--------------|
| Name (Print/Type) | William A. Munck        | Registration No. (Attorney/Agent) | 39,308        | Telephone | 214-922-9221 |
| Signature         | <i>William A. Munck</i> | Date                              | Nov. 15, 2000 |           |              |

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## CERTIFICATE OF EXPRESS MAIL

JC639 U.S. PTO  
09/713389



I hereby certify that this correspondence, including the attachments listed, is being deposited with the United States Postal Service, Express Mail - Post Office to Addressee, Receipt No. EE804530133US, in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the date shown below.

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Date of Mailing

Kathy Longenecker  
Typed or printed name of person mailing  
Kathy Longenecker  
Signature of person mailing

### Attachments:

1. Return acknowledgement postcard
2. Utility patent transmittal
3. Fee transmittal
4. 44 pages of the specification - Docket No: P04761
5. 9 sheets of drawings
6. Declaration of 3 inventor(s)      Unsigned
7. Recordation form and Assignment(s) from 3 inventor(s) (optional)